

IN THE CLAIMS:

1. (Currently Amended) A composite element having the following layer structure:

(i) 2-20 mm of metal,

(ii) 10-100 mm of compact polyisocyanate products comprising the reaction product of (a) a mixture of at least one polyphenylpolymethylene polyisocyanate and at least one isomer of diphenylmethane diisocyanate with (b) polyether polyalcohols, optionally in the presence of (c) catalysts and/or (d) auxiliaries and/or additives,

(iii) 20-20 mm of metal, and

wherein layer (ii) has a modulus of elasticity of >275 MPa in the temperature range from -45 to +50°C, an adhesion to layers (i) and (iii) of >4 MPa, an elongation of >30% in the temperature range from -45 to +50°C, a tensile strength of >20 MPa and a compressive strength of >20 MPa.

C1
Cmil
2. (Previously Amended) A composite element as claimed in claim 1, wherein component (b) is a mixture comprising:

(b1) from 40 to 99% by weight of polyether polyalcohol having a mean functionality of from 1.5 to 2.99 and a mean molecular weight of from 400 to 8000 and

(b2) from 1 to 60% by weight of polyether polyalcohol having a mean functionality of from 3 to 5 and a mean molecular weight of from 150 to 8000.

3. (Previously Amended) A composite element as claimed in claim 2, wherein (b) is a mixture comprising:

(b1) from 40 to 98% by weight of polyether polyalcohol having a mean functionality of from 1.5 to 2.99 and a mean molecular weight of from 400 to 8000,

(b2) from 1 to 59% by weight of polyether polyalcohol having a mean functionality of from 3 to 5 and a mean molecular weight of from 150 to 8000 and

(b3) from 1 to 50% by weight of at least one compound which is reactive toward isocyanates and has a hydrocarbon skeleton comprising from 10 to 40 carbon atoms and from 2 to 4 groups which are reactive toward isocyanates.

C16 cancelled
4. (Previously Amended) A composite element as claimed in claim 1, wherein layer (ii) comprises from 10 to 70% by weight of fillers, based on the weight of (ii), as component (d) auxiliaries and/or additives.

Please cancel claim 5.

6. (Currently Amended) A process for producing a composite element as claimed in claim 1 ~~elaimed in any of claims 1 to 5~~, wherein compact polyisocyanate polyaddition products which adhere to (i) an (iii) are prepared between (i) and (iii) by reacting (a) isocyanates with (b) polyether polyalcohols, optionally in the presence of (c) catalysts and/or (d) auxiliaries and/or additives.

7. (Original) A composite element obtainable by a process as claimed in claim 6.

Claims 8-10 cancelled.